

# SA Rod end BRM1-4-00-502-DURBAL - BRM1-4-00-502-DURBAL

<https://www.123bearing.eu/bearing-housing/rod-end/sa/brm1-4-00-502-durbal>

## BRM1/4-00-502



**male thread:**  
long-term  
lubrication,  
low maintenance,  
shields,  
dimensions in inches

**DURBAL® heavy-duty rod ends  
with integral self-aligning  
ball bearing**

**rod end housing:**  
forged steel, case-hardened bearing race,  
superfinished, rolled thread, surface gal-  
vanized, free of Cr-VI

**inner ring:**  
ball bearing steel, hardened,  
superfinished

**lubrication:**  
aluminum-complex soap-grease,  
temperature range -45 °C to +120 °C,  
approval according to USDA H1

**lubrication fitting:**  
DN 3/425 D1/A (sizes 1/4 and 3/8)  
DN 71 412 H1 (sizes 1/2 and 1/1)

**bearing clearance:**  
10 - 30 µm radial

**tolerances:**  
see page 10

order number		measurements [inches]								
type	right-hand thread, left-hand thread	d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub>	d <sub>6</sub>	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>
BRM 1/4 -00	-502	.250	.2500-28 UNF	.356	.787	.354	.265			
measurements [inches]		weight		calculation-factors		rotational speed limit		basic load rating		stat.
type	h	l	l <sub>3</sub>	α [°]	Y	Y <sub>2</sub>	n <sub>max</sub> [min <sup>-1</sup> ]	C [N]	C <sub>0</sub> [N]	C <sub>10</sub> [N]
BRM 1/4	1.437	.866	.551	8,0	0,022	2,09	2,19	1350	2670	645

## PRODUCT FEATURES

Brand	DURBAL
N° Ean13	3663952510255
Inside diameter	6.35 mm
Outside diameter	19.99 mm
Thickness	8.99 mm
Type	SA
Weight	22 g
Thread	Left-hand thread
Lubrication	with
Packaging	1

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